

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("3640028") or ("3268634")).PN.	USPAT	OR	OFF	2008/03/17 16:33
L2	7	("3268634").URPN.	USPAT	OR	OFF	2008/03/17 16:45
L3	7	("3268634"   "4894958"   "5389169"   "5390932"   "5427377"   "5609535").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:47
L4	4	("5976430").URPN.	USPAT	OR	OFF	2008/03/17 16:49
L5	11	("1054721"   "3009850"   "3651921"   "4440589"   "4693587"   "5102057"   "5319430"   "5389169"   "5976430").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:51
L6	9976	(roller\$1 roll\$1) same (grooves channels) same (ball\$1 pellet\$1 sphere\$1) same (orient\$3 position \$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:59
L7	41	6 same (spew flash flashing)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:01
L8	49	(roller\$1 roll\$1) same (grooves channels) same (ball\$1 pellet\$1 sphere\$1) same (spew flash flashing)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:06
L9	8	8 not 7	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:06

L10	400	(roller\$1 roll\$1) same (axial near10 (grooves channels)) same (ball\$1 pellet\$1 sphere\$1) same (orient\$3 position \$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:10
L11	416	(roller\$1 roll\$1) same (axial near10 (grooves channels)) same (ball\$1 pellet\$1 sphere\$1) same (orient\$3 position \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 17:11
L12	0	11 and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 17:12
L13	2	(orientation orientat \$3) same ball\$1 same (burr\$2 flash \$3 spew) same rollers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 17:16
L14	4	(orientation orientat \$3) same ball\$1 same (burr\$2 flash \$3 spew) same roller\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 17:16
L15	506	ball\$1 same (burr \$2 flash\$3 spew) same roller\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 17:22
L16	5	("3073072"   "4779387"   "4894958"   "5611723").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:43

L17	18	("2075216"   "2438239"   "3640028"   "4325125"   "4536993"   "4779387"   "4794736"   "4894958"   "4987702"   "5004930"   "5020803"   "5255199"   "5343218"   "5389169"   "5390932"   "5472330").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:48
L18	11	("3640028").URPN.	USPAT	OR	OFF	2008/03/17 17:51
L19	18	("2075216"   "2438239"   "3640028"   "4325125"   "4536993"   "4779387"   "4794736"   "4894958"   "4987702"   "5004930"   "5020803"   "5255199"   "5343218"   "5389169"   "5390932"   "5472330").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:55
L20	14	("5611723").URPN.	USPAT	OR	OFF	2008/03/17 17:56
L21	4	("3610492"   "3881380"   "4779387"   "4787280").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:58
L22	35323	(ball sphere) same roller same (rotat \$3 spinning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 18:04
L23	619	(ball sphere) same (grooves near 10 roller) same (rotat \$3 spinning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 18:05

L24	614	23 not 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/03/17 18:07
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